

**PATENT**  
**30205/39428**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |   |  |
|--|---|--|
| Applicant: Yun Young Choi                                    | ) | CERTIFICATION UNDER 37 CFR 1.10  |
| Serial No.: To be assigned                                   | ) | I hereby certify that this Patent Application  |
| Filed: June 25, 2003 (concurrently<br>herewith)              | ) | Transmittal and the documents referred to as<br>enclosed therewith are being deposited with  |
| For: PLL Having a Controller for<br>Dividing Values of a VCO | ) | the United States Postal Service on June 25,<br>2003, in an envelope addressed to the<br>Commissioner for Patents, P.O. Box 1450,        |
| Group Art Unit: To be assigned                               | ) | Alexandria, Virginia 22313-1450, utilizing the<br>"Express Mail Post Office to Addressee"<br>service of the United States Postal Service |
| Examiner: To be assigned                                     | ) | under Mail Label No. EV233431352US.  |
|  | ) | <br>Richard L. Zimmermann                              |

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith for consideration by the examiner are copies of the documents identified on the attached PTO/SB/08. Entry and consideration of the submitted documents is solicited.

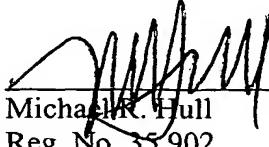
The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 13-2855.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6357  
(312) 474-6300

June 25, 2003

By:

  
Michael R. Hull  
Reg. No. 35,902

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|                               |   |    |   |  |                          |                          |
|-------------------------------|---|----|---|--|--------------------------|--------------------------|
| Substitute for form 1449A/PTO |   |    |   |  | <i>Complete if Known</i> |                          |
|                               |   |    |   |  | Application Number       | To be assigned           |
|                               |   |    |   |  | Filing Date              | June 25, 2003 (herewith) |
|                               |   |    |   |  | First Named Inventor     | Yun Young Choi           |
|                               |   |    |   |  | Art Unit                 | To be assigned           |
|                               |   |    |   |  | Examiner Name            | To be assigned           |
| Sheet                         | 1 | of | 1 |  | Attorney Docket Number   | 30205/39428              |

| U. S. PATENT DOCUMENTS |                       |  |                                |  |  |                |
|------------------------|-----------------------|--|--------------------------------|--|--|----------------|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | <sup>1-6</sup> |
|                        |                       | Number-Kind Code <sup>3</sup> (if known) |                                |  |  |                |
|                        |                       | 4,394,776                                | 07-19-1983                     | Borras et al.                                      |  |                |
|                        |                       | 4,472,820                                | 09-18-1984                     | Borras   |  |                |
|                        |                       | 5,701,598                                | 12-23-1997                     | Atkinson   |  |                |
|                        |                       | 6,137,372                                | 10-24-2000                     | Welland  |  |                |
|                        |                       | 6,233,441-B1                             | 05-15-2001                     | Welland  |  |                |
|                        |                       | 6,304,146-B1                             | 10-16-2001                     | Welland  |  |                |
|                        |                       | 6,327,463-B1                             | 12-04-2001                     | Welland  |  |                |
|                        |                       | 6,329,855-B1                             | 12-11-2001                     | Horie  |  |                |
|                        |                       | 6,424,192-B1                             | 07-23-2002                     | Lee et al.   |  |                |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |  |                |
|--------------------------|-----------------------|---|--------------------------------|--|--|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | <sup>1-6</sup> |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |                |
|                          |                       | JP-3135112  | 06-10-1991                     | Japan Radio Co. Ltd.                               | English Abstract Only  |                |
|                          |                       | JP-3139018  | 06-13-1991                     | Japan Radio Co. Ltd.                               | English Abstract Only  |                |
|                          |                       | JP-6104750  | 04-15-1994                     | Hitachi Ltd.                                       | English Abstract Only  |                |
|                          |                       |   |                                |  |  |                |
|                          |                       |   |                                |  |  |                |
|                          |                       |   |                                |  |  |                |

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                       |  |  |  |  |                |
|---|-----------------------|--|--|--|--|----------------|
| Examiner Initials                                 | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  | <sup>1-6</sup> |
|   |                       |  |  |  |  |                |
|   |                       |  |  |  |  |                |
|   |                       |  |  |  |  |                |
|   |                       |  |  |  |  |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.